

Docket No: AHP 98248-02  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re of Application of: **Jongsma, Berend et al.**  
Application No.: **09/775,750** Group Art No.: **1648**  
Filed: **February 2, 2001** Examiner: **S. Foley**  
For: **In Ovo Protection Against Infectious Bronchitis**  
Confirmation No.: **9381**  
Customer Number: **25291**

Commissioner for Patents  
Washington, DC 20231

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Sir:

**AMENDMENT TRANSMITTAL LETTER**

1. Enclosed please find the following documents for the above-identified application:

Amendment and Response to Request for Continued Examination (responsive to Office Action mailed on November 4, 2002).

**CERTIFICATE OF MAILING 37 CFR §1.10**

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV100602391US addressed to the Commissioner for Patents, Washington, DC 20231.

March 25, 2003  
Date

Terry Mancuso  
Terry Mancuso

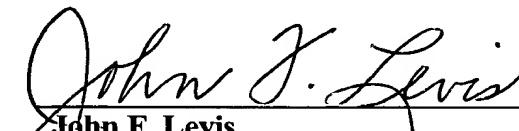
2. Fee calculation

CLAIMS AS AMENDED					
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) HIGHEST NUMBER PAID FOR	(4) NUMBER EXTRA x RATE		(5) ADDITIONAL FEE
TOTAL CLAIMS	12	22	0	x \$ 18.00	0.00
INDEPENDENT CLAIMS	3	4	0	x \$ 84.00	0.00
MULTIPLE DEPENDENCY FEE				\$ 280.00	
				<b>Total Amendment Fee:</b>	<b>\$0.00</b>

☒ Please charge Deposit Account No. 01-1425 for: \$0.00

The Commissioner is hereby authorized to charge any additional fees required by this paper, including the enclosed documents, and during the entire pendency of this application and to credit any excess amounts paid to Deposit Account No. 01-1425. A copy of this letter is enclosed for use by the Deposit Account Branch.

Respectfully submitted,

  
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Patent  
AHP 98248-02  
U.S.S.N. 09/775,750

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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4.2.03

In re of Application of: **Berend JONGSMA et al.**  
Serial No.: **09 / 775,750** Group No.: **1648**  
Filed: **February 2, 2001** Examiner: **S. Foley**  
For: **IN OVO PROTECTION AGAINST INFECTIOUS BRONCHITIS**  
Confirmation No.: **9381**  
Customer No.: **25291**

Commissioner for Patents  
Washington, DC 20231

**AMENDMENT AND RESPONSE PURSUANT TO REQUEST FOR CONTINUED  
EXAMINATION UNDER 37 C.F.R. §1.114**

Concurrent with the filing of the Request for Continued Examination,  
please amend the above-captioned application as follows:

**IN THE CLAIMS:**

Please cancel claims 25, 26 and 27 without prejudice or disclaimer.

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Please amend claims 15, 16, 19, 24, 28 and 29 to read as follows:

15. An in ovo vaccine for protecting chickens having maternal antibodies to infectious bronchitis (IB) virus from exposure to virulent IB virus, wherein said vaccine comprises a solution containing, on a chicken egg basis, a live avirulent strain of infectious bronchitis virus in an immunogenically-effective amount within the range of about  $10^{-1.0}$  EID<sub>50</sub> per egg to about  $10^{2.0}$  EID<sub>50</sub> per egg, wherein said vaccine has a percentage (%) protection in post-hatch member chicks surviving at 3 weeks of age of at least 89% against challenge from virulent IB virus.

CERTIFICATION UNDER 37 CFR 1.10  
I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV100602391US US addressed to the Commissioner for Patents, Washington, DC 20231.

March 25, 2003  
Date

Terry Manduso  
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